AMENDMENTS TO THE CLAIMS:

Please amend claims 22 and 36 as indicated below. This listing of claims will replace all prior versions and listings of claims in the application:

LISTING OF CLAIMS:

1.-21. (Cancelled)

22. (Currently Amended) A method for evaluating the performance of a mobile telephone network, comprising the steps of:

simulating a first configuration of said mobile telephone network;

simulating a second configuration of said mobile telephone network[[;]]

said first and second configurations of said mobile telephone network being statistically independent of each other[[;]]

each of said simulation steps comprising the steps of:

specifying a total number of users to be simulated[[;]]

determining a sequence of activation of user blocks included in said total number of users to be simulated[[;]]

activating said user blocks in succession until said total number of users to be simulated is reached, each user block indicating a traffic distribution[[;]] and

processing at least one radio resource management event relating to the traffic distribution associated with each currently activated user block; and

processing jointly statistical results generated using each of said simulation configurations.

23. (Previously Presented) The method of evaluating according to claim 22, comprising the step of:

repeating said steps of simulating said mobile telephone network until a predetermined accuracy threshold is reached for each simulated network value.

24. (Previously Presented) The method of evaluating according to claim 22, wherein each activated user block comprises at least one user.

25. (Previously Presented) The method of evaluating according to claim 22, wherein said step of processing at least one radio resource management event comprises the step of:

executing at least one radio resource management algorithm.

26. (Previously Presented) The method of evaluating according to claim 25, wherein said radio resource management algorithm comprises an admission control algorithm.

27. (Previously Presented) The method of evaluating according to claim 26, comprising the steps of:

detecting that at least one admission control threshold has been exceeded for at least one of the users belonging to the currently activated user block; and

taking said user out of service.

28. (Previously Presented) The method of evaluating according to claim 25, wherein said radio resource management algorithm comprises a congestion control algorithm.

29. (Previously Presented) The method of evaluating according to claim 28, comprising the steps of:

detecting that at least one congestion control threshold has been exceeded for at least one of the users belonging to the currently activated user block; and

taking said user out of service.

30. (Previously Presented) The method of evaluating according to claim 25, wherein said radio resource management algorithm comprises an outage control algorithm.

31. (Previously Presented) The method of evaluating according to claim 30, comprising the steps of:

detecting that at least one power threshold for the outage control has been exceeded for at least one of the users belonging to the currently activated user block; and

taking said user out of service.

32. (Previously Presented) The method of evaluating according to claim 23, wherein said step of repeating said steps of simulating said mobile telephone network comprises:

a step of collecting and processing statistical results; and

a step of checking the accuracy of the resulting statistical data.

33. (Previously Presented) The method of evaluating according to claim 32, wherein said step of collecting and processing statistical results comprises the steps of:

collecting statistical results relating to simulated network values; and

obtaining at least one accuracy indicator for each of said simulated network values.

34. (Previously Presented) The method of evaluating according to claim 33, wherein said at least one accuracy indicator comprises at least one parameter selected from the confidence interval of a statistical value and the stability indicator of a statistical value.

35. (Previously Presented) The method of evaluating according to claim 32, wherein said step of checking the accuracy of the resulting statistical data comprises the steps of:

comparing, for each simulated network value, said at least one accuracy indicator with the corresponding predetermined accuracy threshold; and

terminating the simulation when said at least one accuracy indicator reaches said predetermined accuracy threshold.

36.   (Currently Amended) Simulation equipment for simulating at least a first and a second configuration of a mobile telephone network, said first and second configurations of said mobile telephone network being statistically independent of each other, and each comprising a total number of users to be simulated, comprising:

at least one object representing a network controller belonging to said mobile telephone network; said at least one object comprising:

first modules for determining a sequence of activation of user blocks included in said total number of users to be simulated;

second modules for activating said user blocks in succession until said total number of users to be simulated is reached, each user block indicating a traffic distribution; and

third modules for processing at least one radio resource management event relating to the traffic distribution associated with each activated user block,

wherein the at least one object is configured to process jointly statistical results generated using each of said simulation configurations.

37.   (Previously Presented) The simulation equipment, according to claim 36, wherein said at least one object comprises data structures for supporting the processing of said at least one radio resource management event, said data structures comprising:

a list of activatable users;

a list of active users; and

a group of lists of users out of service; and

a map of the system resources.

38.   (Previously Presented) The simulation equipment according to claim 37, wherein said map of the system resources comprises a plurality of structures, each representing a

transceiver device belonging to said mobile telephone network, each structure comprising a reference to the corresponding transceiver device and a list of cell context objects, one for each cell controlled by said transceiver device.

39.   (Previously Presented) The simulation equipment according to claim 38, wherein each cell context object comprises groups of radio resource management parameters.

40.   (Previously Presented) The simulation equipment, according to claim 38, wherein said groups of parameters comprise at least one parameter selected from: a load threshold for admission control, a load threshold for congestion control, and a power threshold for outage control.

41.   (Previously Presented) The simulation equipment according to claim 36, comprising a simulation engine comprising an event scheduler module for specifying the sequence of operations performed by said simulation equipment.

42.   (Previously Presented) A program for an electronic computer, loadable into the memory of at least one electronic computer and comprising program codes for implementing the steps of the method of any one of claims 22-35 when said program is capable of being executed by said electronic computer.